



LEGEND

- 1991 IFIM Surveys
- 1997 2-foot contour mapping
- August 2002 Survey
- 2002 Water Surface
- 1991 Water Surface

CONTROL POINT DATA

L-32 -- not found

L-31 (concrete and pipe)
 Northing: 2294366.390
 Easting: 6672007.300
 Elevation: 118.94'

GAGE DATA (from USGS)

Oroville Gage:
 7/15/92: 1010cfs
 8/20/02: 718cfs

Gridley Gage:
 7/15/92: 3000cfs
 8/20/02: Not available

TRANSECT DATA

Length (2002): 911.10'
 Length (1991): 324.15'
 Azimuth: 16°58'31"
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Notes:

- 1) Land surveys, depth soundings, and velocities for the 1992 IFIM surveys were conducted on July 15, 1992.
- 2) Assumed elevations for the control points were converted to actual elevations by a level survey performed by DWR-Land and Right-of-Way in June 1996.
- 3) The 1997 cross-section was generated from 2-foot contour topographic mapping from the U.S. Army Corps of Engineers (COE) Comprehensive Study. The actual cross-section was generated using Land Developer and AutoCad software.
- 4) The 2002 cross-section was surveyed in June 2002. Coordinates for the IFIM control points were generated using a RTK GPS survey with a Trimble backpack 4700 receiver. Distances and elevations were measured along section with conventional total station surveying equipment.
- 5) Elevations are referenced to the National Geodetic Vertical Datum of 1929 (NGVD29).

